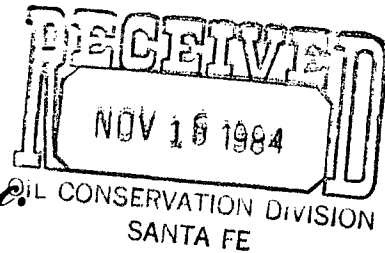


Work Copy
OK



Consolidated Oil & Gas, Inc.

P. O. BOX 2038
FARMINGTON, NEW MEXICO 87499
(505) 632-8056

November 12, 1984

Mr. Frank Chavez
New Mexico Oil Conservation Division
1000 Rio Brazos Rd.
Aztec, New Mexico 87410

Re: Lea 2
1850' FNL & 790' FWL
Sec 30E, T31N, R12W
San Juan Co., New Mexico

Dear Mr. Chavez,

Consolidated Oil & Gas, Inc. hereby requests authorization to down-hole commingle the Aztec Pictured Cliffs ext. and Wildcat Fruitland formations within the above referenced well.

This well is a newly completed shut-in gas well waiting on a gas connection. Both zones are commingled in the wellbore.

The ownership, working interest, royalty and overriding royalty is common for both zones.

Consolidated would like to allocate 95% gas to the Pictured Cliffs and 5% gas to the Fruitland formations, based on field tests following the completion of each zone.

A string of 1 1/2" production tubing is set at the Pictured Cliffs perforations. We intend to produce all gas up this single tubing string.

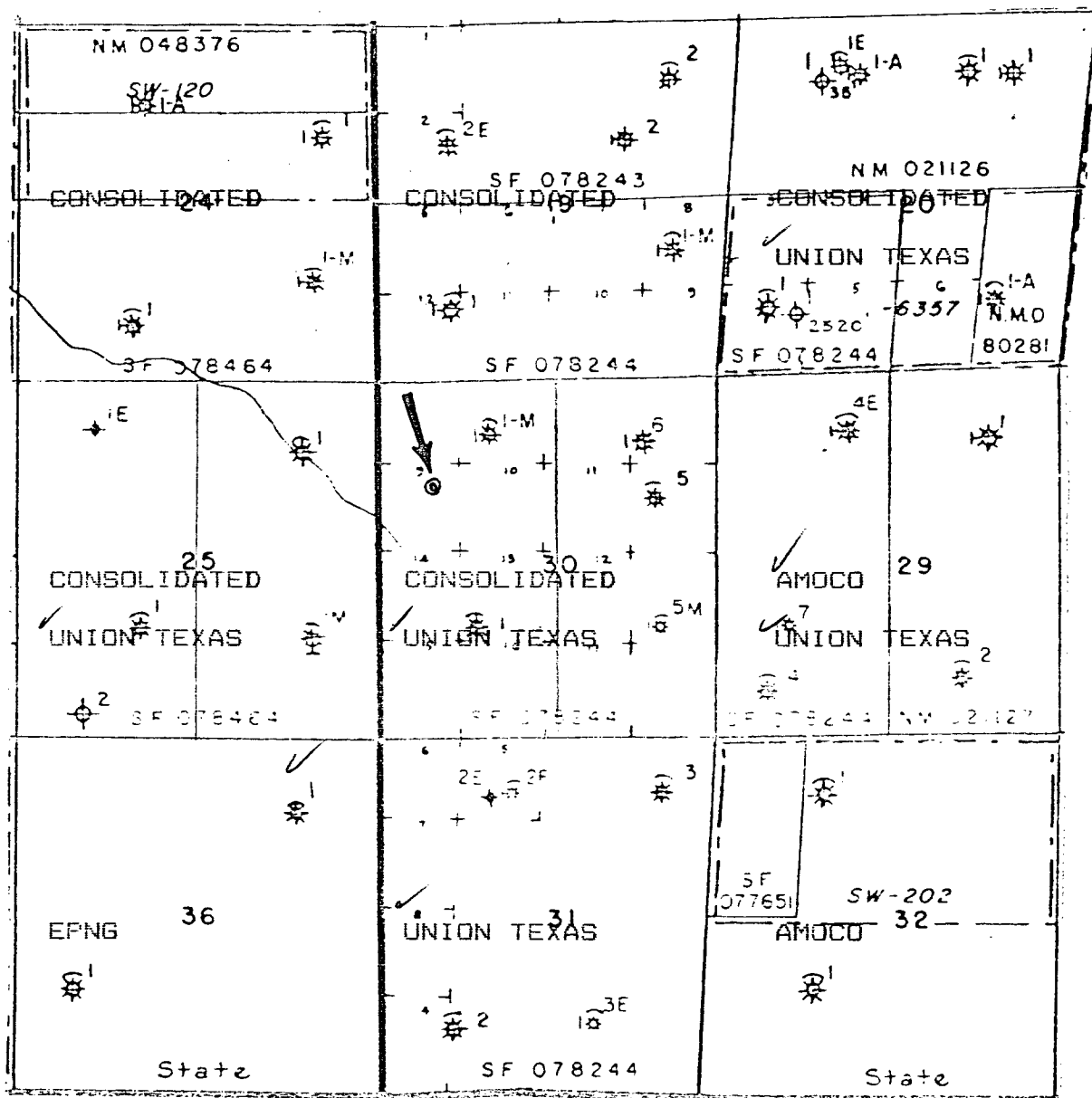
Enclosed please find requested information.

Yours very truly,

Dale Richardson
Production & Drilling Superintendent

DER:WLC:wc
Enclosures

cc: N. M. Oil Conservation Division, Santa Fe



Location Plat to Accompany Application
for Administrative Commingling of the

LEA 2
1850' FNL & 790' FWL
Sec 30E, T31N, R12W
San Juan Co., New Mexico

U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT SANTA FE, NEW MEXICO 87501

All distances must be from the center of the well.

Consolidated Oil and Gas		LEA		Well No.
Section	Township	Range	County	LEA #2
E	30	T31N	R12W	San Juan

Feetage Location of Well:		feet from the North	Line and	790	feet from the West	Line
Level Elev.	Producing Formation	Feet	Dedicated Acres:			
5875	Pictured Cliffs	Aztec Pictured Cliffs ext.	160		acres	

Outline the acreage dedicated to the subject well by colored pencil or ballpoint marks on the plat below.

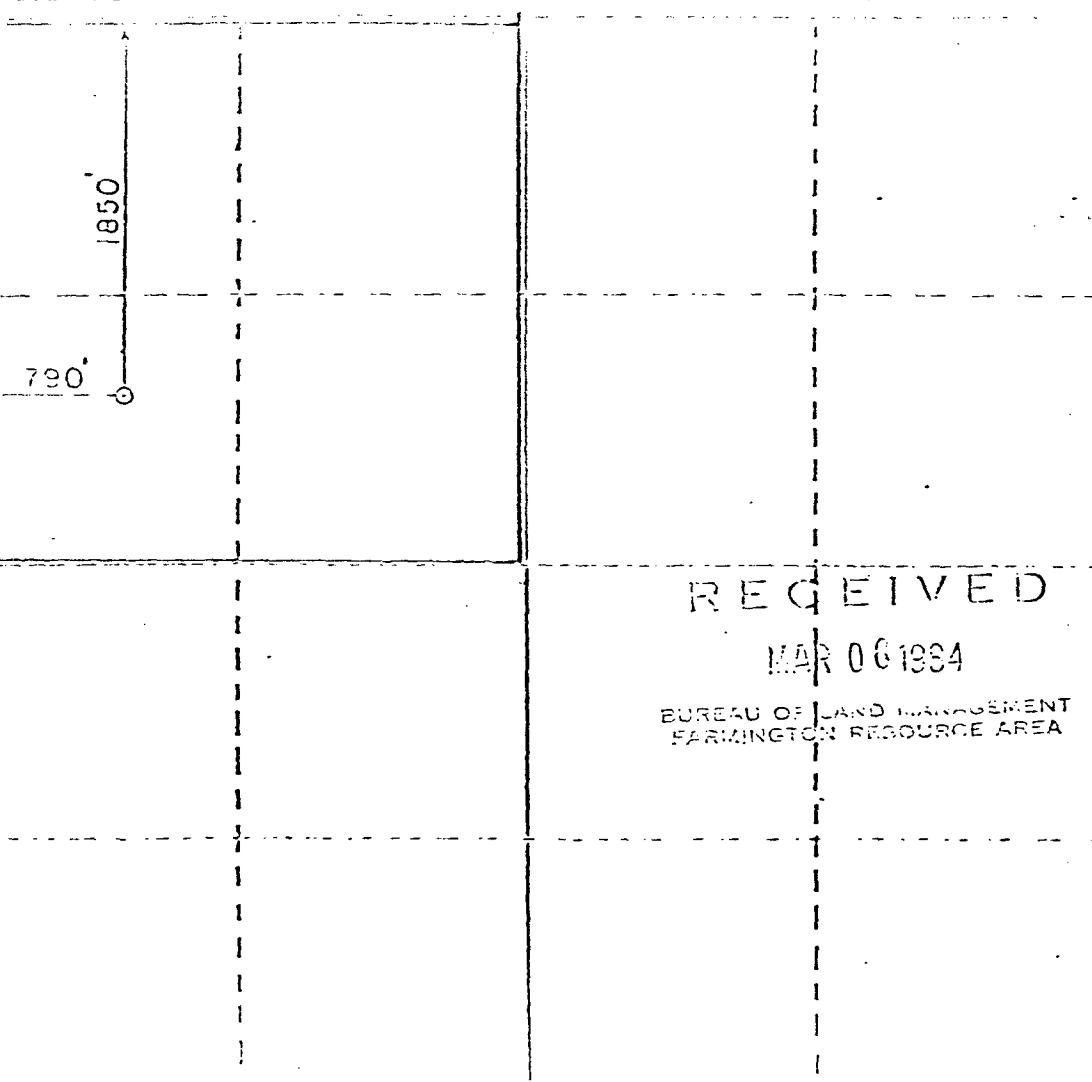
If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

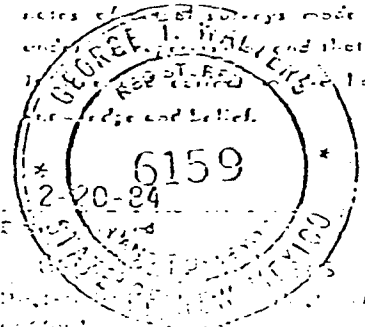
Name _____
Barney L. Jones
Position _____
Drilling Foreman
Company _____
Consolidated Oil & Gas
Date _____
2-20-84

RECEIVED

MAR 06 1984

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

I hereby certify that the well location shown on this plat was plotted from field notes of _____ and _____ and that the same is true to the best of my knowledge and belief.



All distances must be from the corner to the center of the location.

Operator Consolidated Oil and Gas		Lease LEA		Well No. LEA #2	
Oil Letter E	Section 30	Township T31N	Range R12W	County San Juan	

Actual Footage Location of Well:

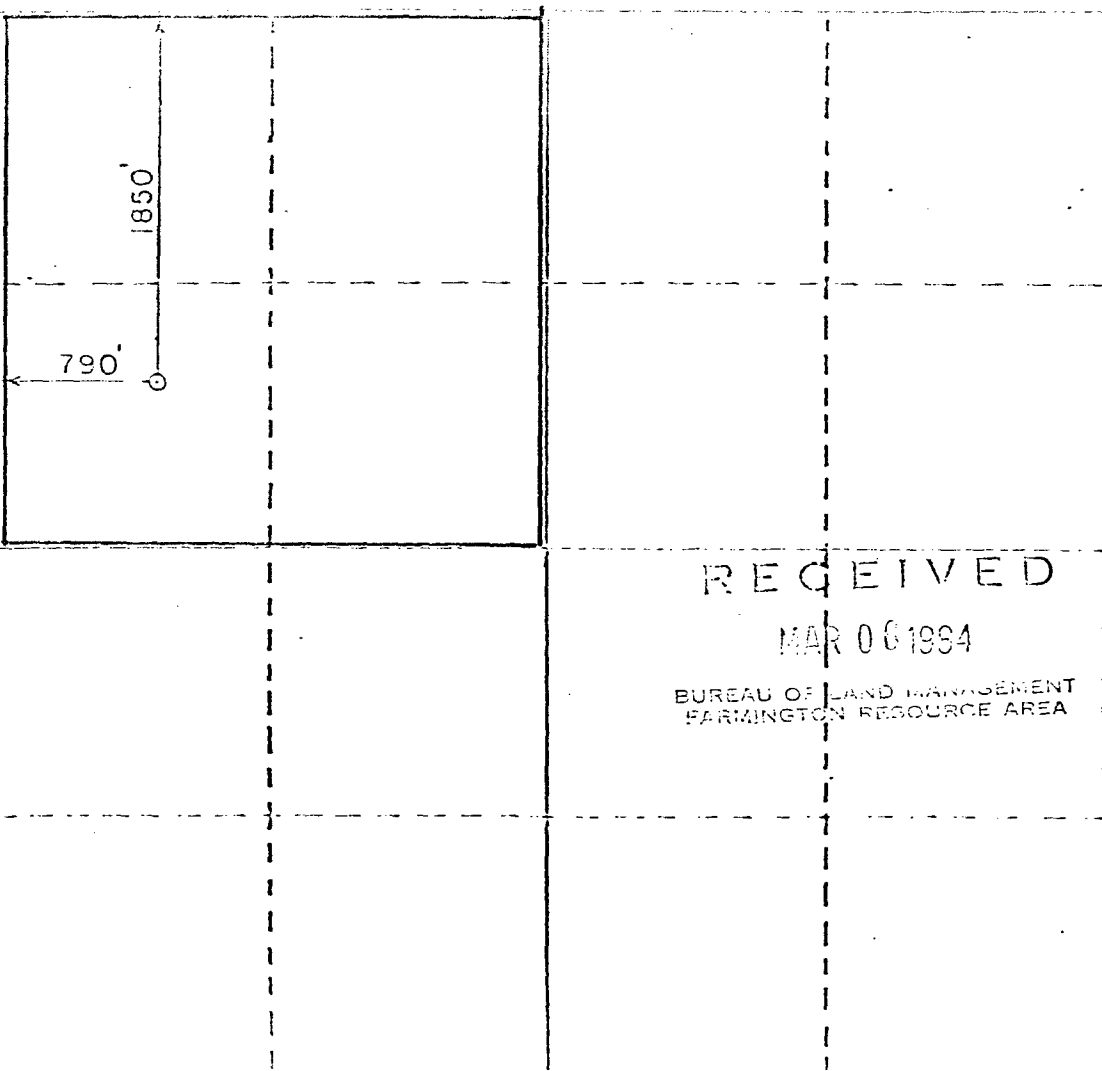
1850	feet from the	North	line and	790	feet from the	West	line
Ground Level Elev. 6875	Producing Formation Fruitland		Pool Undesignated Fruitland		Dedicated Acreage: 160		

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Barney L. Jones
Position Drilling Foreman
Company Consolidated Oil & Gas
Date 2-20-84

I hereby certify that the well location shown on this plat was plotted from field notes of well surveys made by me and that the accuracy of the location is true to the best of my knowledge and belief.

* 6159 *

2-20-84

STATE OF NEW MEXICO
DEPARTMENT OF ENERGY AND MINERALS

N.M. No. 6159

LEA 2
Sec 30E, T31N, R12W

RE: Rule 303C, Para. 2, Requirement (d)

We would like to request an exception to rule 303C, Para. 2, Requirement (d). This well was swabbed and tested in each zone following initial completion operations. Both zones were tested together on 8-3-84. The well has remained shut-in pending a gas connection since this test date. We do not believe a current (within 30 days) test is warranted. We are submitting GOR test results on each zone and the one point back pressure test taken concurrently on 8-3-84.

Form E-116
Revised 10-1-78

County
San Juan

SECRET

11-13-45

(1111)

County
San Juan

[1625]

[1625]

GAS - OIL
RATIO

Gas produced during test was too small to measure. No fluids were present in the tubing or annulus.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 321 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Miller)

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR

RECEIVED
SEP 04 1984
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special		Date 8-3-84						
Company Consolidated Oil & Gas, Inc.		Connection Gas Co. of New Mexico						
Pool WC Fruitland		Formation Fruitland - Pictured Cliffs						
Completion Date 5-22-84	Total Depth 2300'	Plug Rock TD 2243'	Elevation 5875	Form or Lease Name Lea				
Cas. Size 4 1/2	WT. 10.5#	Set At 4.052	2286	Well No. 2				
Trub. Size 1 1/2	WT. 2.9#	Set At 1.610	2201	Unit E 30 31 12A				
Type Well - Single - Perforated - G.C. or G.C. Multiple Single			Factor Set At None	County San Juan				
Producing thru Tubing	Pressure Temp. °F 94 2183	Mean Annual Temp. °F	Baro. Press. - P _a 12.0	State New Mexico				
L	H	C _g	% CO ₂	% N ₂	% H ₂ S	Proven	Water Run	Taps
		.650 est.					6" pos. choke nipple	

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	Flow Line Size	X	Orifice Size	Press. psia/g.	Diff. h _w	Temp. °F	Press. psia/g.	Temp. °F	
SI	Shut-in 30 days						537	537	
1.	2"x3/4"						51	60	3 hours
2.									
3.									
4.									
5.									

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super. Compress. Factor, F _{sp}	Rate of Flow Q, Mscf/d
1	11.0		63	1.000	1.240	1.000	859
2.							
3.							
4.							
5							

NO.	R	Temp. °R	T _i	Z	Gas Liquid Hydrocarbon Ratio	Mo/Abl.
1					A.P.I. Gravity of Liquid Hydrocarbons	Dec.
2.					Specific Gravity Separator Gas	X X X X X X X X
3.					Specific Gravity Flowing Fluid	X X X X X
4.					Critical Pressure	P.S.I.A. P.S.I.A.
5					Critical Temperature	R R

P _c 549	P _c ² 301401			
NO. 1	P ₁ ²	P _w	P _w ²	P _c ² - P _w ²
1		324	104976	196425
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.5344$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4389$

LOG = 0 $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1236$

Absolute Open Flow 1236	Mold P 15.025	Angle of Slope θ	Slope, n .85
-------------------------	---------------	------------------	--------------

Remarks: Heavy water mist thru-out test

Approved By Division	Conducted By: Richard Housh	Checked By: Richard Housh	Reviewed By:
----------------------	-----------------------------	---------------------------	--------------

LEA 2
Sec 30E, T31N, R12W

RE: Rule 303C, Para. 2, Requirement (e)

The Lea is a newly completed shut-in gas well. In lieu of a production decline curve, we are submitting copies of sundry notices outlining completion operations on each zone.

Consolidated Oil & Gas, Inc.
Dual Completion Schematic for
Commingling Application

Elevation: 5879'KB
5875'GL

[illegible]

8-5/8", 24#, casing @ 164'
Cmt w/ 160 sx Cl "B" w/
2% CaCl2. Cmt top at
surface.

< 1 1 1 1 1 >

LEA 2
Sec 30E, T31N, R12W
San Juan Co., NM
November 12, 1984

12-1/4" hole to 168'

Frac FRT w/ 62,500 gal 70 @
foam & 27,400 # 10/20 sn

101
101
101

Fruitland perf
interval: 2067-1820'
(74 holes)

Frac PC w/ 32,000 gal 70 Q
foam & 40,000 # 10/20 sn

1-1/2" tbq @ 2201'

4-1/2", 10.5# J-55 casing
@ 2286'. Cmt w/ 210 sx
65/35 pozmix w/ 6% gel &
1/4# perlite/sx. Tail-in
w/ 80 sx 50/50 pozmix w/
2% gel. Cmt top at 790'.

101
101
101

Pictured Cliffs perf
interval: 2224-2142'
(35 holes)
PBTD @ 2243'- FC
Clean out to 2232'

</////////////////>

6-1/4" hole to 2300'
 Drillers TD - 2300'
 Loggers TD - 2298'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
TO: BUREAU OF LAND MANAGEMENT

Form approved
Budget Bureau No. 1004-0125
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SF 072244

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

LEA

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Undes. Fruitland

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 30, T31N, R12W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

CONSOLIDATED OIL & GAS, INC.

3. ADDRESS OF OPERATOR

P.O. Box 2038, Farmington, N.M. 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

1850' FNL & 790' FWL

RECEIVED

AUG 14 1984

14. PERMIT NO.

API #30-045-25924

15. ELEVATIONS (Show whether on AT, GR, etc.)

5879' KB, 5875' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANE

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) "completions operation"

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

4-13-84 MIRUSU. Inst BOP, pr test to 2500 psi, OK. Perf 1SPF 2182-93', 2219-24' (16 perfs). ISIP 500 psi. Acidize w/ 27 ball sealers spaced evenly in acid, 500 gal 7-1/2% HCl, 10 BPM, 350 psi. Flush w/ 1% KCl, CP 1150 psi. Cleared perfs. Frac w/ 70 Q foam, CP 1460 psi, 20 BPM. Used pad foam 70%, 1 PPG 10-20 sand, 2 PPG 10-20 sand and flush. CP 1350 psi @ 20 BPM. ISIP 1100 psi, 15 min 1020 psi. Total fluid to recover 187 bbl.

4-14/4-16 Blew & cleaned out well, swabbed.

4-17 Set retrievable bridge plug @ 2170' Pr test to 2500 psi, OK. Perfed from 2142' to 2158', 1SPF (17 holes). ISIP 400 psi. Acidize w/ 500 gal 7-1/2% HCl w/ 27 ball sealers. Flush w/ 1% KCl wtr. Ran junk basket & cleared perfs. Frac w/ 1% KCl, 20 BPM, 70Q foam, used 10-20 sand as follows: 1 PPG sand, 5000 gal 2 PPG, 1000 gal 3 PPG, flush. ISIP 1590, 15 min 1050. Total fluid to recover 166 bbl.

4-18/4-20 TIH w/ tbg to 2127', well flowed, TOH.

Tried to retrieve BP. Unable to catch. Lost 120 bbl while circ.

Retrieved BP. Swabbed & cleaned out. Rigged down & rig released.

18. I hereby certify that the foregoing is true and correct

SIGNED

Sabara Williams

TITLE Engineering Ass't

DATE

8-13-84

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

AUG 24 1984

OPERATOR

FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

BY

Smm

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

6. LEASE DESIGNATION AND SERIAL NO.

SE 078244

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

CONSOLIDATED OIL & GAS, INC.

3. ADDRESS OF OPERATOR

P.O. Box 2038, Farmington, N.M. 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

RECEIVED

1850' FNL & 790' FWL

AUG 14 1984

14. PERMIT NO.

API #30-045-25924

15. ELEVATIONS (Show whether by, RT, GL, etc.)

5879' KB, 5875' GL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

LEA

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Undes. Fruitland

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 30, T31N, R12W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- 4-26-84 MIRUSU, inst BOP. Pr test to 1500 psi, OK.
- 4-27 Set RBP @ 2100', pr test to 3000 psi, OK. Perfed w/ 2SPF @ 2052-56'. 2063-67' (16 perfs) .38" dia. Break down perfs w/ 6 BPM @ 2700 psi. ISIP 800 psi. Acidize w/ 9 bbl 7-1/2% HCl and 24 ball sealers. Attempted to frac w 70 Q foam containing 1% KCl, 100 ppm nitrates, 10-20 sand. Pumped 6000 gal pad, 4200 gal 1 PPG sand, shut down. Attempted to repump .5 BPM @ 3000 psi. Attempted to refrac, filled csg cap, formation locked up. TIH, tagged sand @ 1739'. CO to 1896'.
- 4-28 CO to 2085'. Started 1%KCl pad, 10BPM @ 2790 psi. Pumped 40 bbl, formation locked up. Perfed 1952-56', 1963-67', 2SPF(16 perfs). BD perfs. Acidize w/500 gal 7-1/2% HCl and 75 ball sealers. Ran junk basket. Frac as follows: 1%KCl, 100 ppm nitrates, 70 Q foam @ 15 BPM, 10-20 sand; 6000 gal pad, 8000 gal 1 PPG sand, 5000 gal 2 PPG sand, 1313 gal flush. 10 min 1450 psi. Total fluid to rec 177 bbl.
- 4-29/4-30 Swabbed & CO.
- 5-1 Set RBP @ 1936', pr test to 3000 psi, OK. Perf 1911'-20' w/2SPF(18 holes BD perfs, 15 BPM @ 1800 psi. Acidize w/ 500 gal 7-1/2% HCl & 40 ball sealers. Ran junk basket. Attempt to frac w/ 70 Q foam containing 1%KCl, 100 ppm nitrates as follows: 6000 gal pad, 6000 1 PPG 10-20 sd, pumped 23 bbl. Rev circ, sand out to 1930'. Refrac w/1% KCl wtr pad @ 16BPM, pumped 64 bbl. ISIP 1300 psi.

18. I hereby certify that the foregoing is true and correct

SIGNED Barbara W. Vane TITLE Engineering Ass't

DATE 8-13-84

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

AUG 24 1984

FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

BY

Sim

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985
UNITARY DESIGNATION AND SERIAL NO.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR CONSOLIDATED OIL & GAS, INC.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 2038, Farmington, N.M. 87499		8. FARM OR LEASE NAME LEA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1850' FNL & 790' FWL		9. WELL NO. 2
10. FIELD AND POOL, OR WILDCAT Undes. Fruitland		11. SEC. T. R. M. OR ALK. AND SURVEY OR AREA Sec 30, T31N, R12W
14. PERMIT NO. API# 30-045-25924	15. ELEVATIONS (Show whether SP, GP, GL, etc.) 5879' KB, 5875' GL	12. COUNTY OR PARISH San Juan
		13. STATE NM

RECEIVED

AUG 14 1984

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	☐	POH OR ALTER CASING	☐
FRACURE TREAT	☐	MULTIPLE COMPLETE	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐
REPAIR WELL	☐	CHANGE PLANS	☐
(Other)			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACURE TREATMENT	☒	ALTERING CASING	☐
SHOOTING OR ACIDIZING	☒	ABANDONMENT*	☐
(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)*

5-2-84 Reperfed 1911-20' w/2SPF (18 holes). Acidize w/ 7-1/2% HCl & 70 ball sealers. ISIP 1150 psi. Frac containing 1% KCl, 100 ppm nitrates, 10-20 sand as follows: start pad, ease in N₂ to 50-50 Q foam up to 20 BPM. 70-80 Q foam, 16,000 gal, 3800 gal 1/2 PPG sand, 2100 gal 1 PPG sand. Formation locked up. Total fluid to recover 106 bbl.

5-2/ 5-3 Swabbed & cleaned up. PU RBP. Ran 65 jts 2-3/8" EUE set @ 2062'. Rigged down. Released rig.

5-18 MIRUSU. Inst BOP, pr test, OK. TOH w/ tbg. Set 4-1/2" RBP @ 1890'. Perf Frt Sd @ 1843-20' w/ 1SPF (24 holes), .38" dia. BD to 2100 psi, 3 BPM. Acidized, no ball off. Frac w/ 70 Q foam containing 20# gel, 1% KCl, 10-20 sand as follows: 6500 gal pad, 6500 gal 1/2 PPG sand, 3500 gal 1 PPG sand, well sanded off. 463 bbl to recover.

5-19/5-20 Circ sand out to BP @ 1890'. POOH to 1813' & swab & clean out.

5-21 PU RBP @ 1890', TOH, circ sand out to 2096'.

5-22 Ran 67 jts 1-1/2", 2.9#, EUE, 10 rd tbg set @ 2201'. Rig down & rig released.

18. I hereby certify that the foregoing is true and correct

SIGNED Barbara Williams TITLE Engineering Ass't

DATE 8-13-84

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE AUG 24 1984

FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

BY Sam

8-28
WF
D

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See instructions on
reverse side)

FORM APPROVED
Budget Bureau No. 1004-0137
Expires August 31, 1985

1. FORM DESIGNATION AND SERIAL NO.

SF 078244

2. IF INDIAN, ALLOTTEE OR TRIBE NAME

3. UNIT AGREEMENT NAME

4. FARM OR LEASE NAME

5. WELL NO.

6. FIELD AND POOL, OR WILDCAT

7. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

8. COUNTY OR PARISH

9. STATE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other **RECEIVED**

3. NAME OF OPERATOR
Consolidated Oil & Gas, Inc.

4. ADDRESS OF OPERATOR
PO Box 2038, Farmington, N.M. 87499

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1850' FNL & 790' FWL (SW/NW)(E)

At top prod. interval reported below Same

At total depth Same

6. PERMIT NO. DATE ISSUED
API #30-045-25924

7. DATE SPUNDED 3-27-84 8. DATE F.D. REACHED 4-1-84 9. DATE COMPL. (Ready to prod.) 5-22-84 10. ELEVATIONS (DF, RKE, RT, CE, ETC.)* 5879' KB, 5875' GR 11. ELEV. CASINGHEAD 5875'

12. TOTAL DEPTH, MD & TVD 2300' 13. PLUG BACK F.D., MD & TVD 2243' 14. IF MULTIPLE COMPL., HOW MANY* 15. INTERVALS DRILLED BY Rotary Tools Cable Tools
A11

16. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1820-2224', Fruitland 17. WAS DIRECTIONAL SURVEY MADE No

18. TYPE ELECTRIC AND OTHER LOGS RUN 19. WAS WELL CORED
EIS/CFD/CNL/GR/SP. FDL/CCL/GR/Cmt Bond Log No

20. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLES SIZE	VENTING RECORD	AMOUNT FULLED
8-5/8"	24	164'	12-1/4"	87 cu ft C1"B"/2%	9 bbl
4-1/2"	10.5#	2286'	6-1/4"	360 cu ft 65/35/6% gel	1# perl/sx
				100 cu ft 50/50/2% gel	

21. LINER RECORD					22. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACER SET (MD)
					1-1/2"	2201'	-

23. PERFORATION RECORD (Interval, size and number)				24. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2182-93', 2219-24', 2142-58', 1820-43' w/ 1 SPF, .38" dia (59 perfs)				1820-2224'	3500 gal 7-1/2% HCl, 1% KCl
2052-56', 2063-67', 1952-56',					62,500 gal 70 Q foam, 27,400
1963-67', 1911-20' w/ 2 SPF, .38" dia (50 perfs)					10/20 sd

25. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-13-84		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BRL.	GAS-OIL RATIO
8-3-84	3	2x3x3/4"	→	0	107	mist	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BRL.	OIL GRAVITY-API (CORR.)	
51	312	→	0	(1236 CAOF)	trace	-	

26. DISPOSITION OF GAS (Fold, used for fuel, vented, etc.)
Vented during test, to be sold when producing

27. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

28. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *Barbara C. Rex* TITLE Prod. & Drlg. Technician DATE 8-24-84

(See Instructions and Spaces for Additional Data on Reverse Side) BY *Sum*

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TYPE VERT. DEPTH
Ojo Alamo(base)	1234'	SAME
Fruitland	1540'	SAME
PC	2134'	SAME
TD	2300'	SAME

LEA 2

Sec 30E, T31N, R12W

RE: Rule 303C, Para. 2, Requirement (f)

Measured bottom hole pressures for each zone were taken on the dates listed. The BHP of the Pictured Cliffs zone adjusted to a common datum of 1940' is 443 psig, which is within 50% of the upper zone pressure.

<u>Zone</u>	<u>Date</u>	<u>SI Time (hrs)</u>	<u>BHP (psig)</u>	<u>Depth (ft)</u>
Pictured Cliffs	4-26-84	120	498	2180
Fruitland	5-14-84	192	868 *	1940

* Note: Fruitland BHP was taken with fluid in the wellbore 1148' from the surface. This does not prevent an accurate measurement of bottom hole pressure.

LEA 2

Sec 30E, T31N, R12W

RE: Rule 303C, Para. 2, Requirement (g)

We would like to request an exception to Rule 303C, Para. 2, Requirement (g). The Pictured Cliffs and Fruitland zones do not produce any liquids.

LEA 2

Sec 30E, T31N, R12W

RE: Rule 303C, Para. 2, Requirement (h)

We believe production will not decrease by commingling the Pictured Cliffs and Fruitland formations. The contribution of gas from the Fruitland formation is negligible compared to the Pictured Cliffs. Since the Fruitland BHP is greater than the Pictured Cliffs, decreased productivity due to crossflow between zones should not be a problem.

LEA 2
Sec 30E, T31N, R12W

RE: Rule 303C, Para. 2, Requirement (i)

We would like to allocate 95% gas to the Pictured Cliffs and 5% gas to the Fruitland formations, based on flow tests through a 3/4" choke following the completion and swabbing of a particular zone. The Fruitland zone had no fluid present in the tubing or annulus during its flow test on 5-19-84. Gas produced during the test was too small to measure. Therefore, Consolidated would like to allocate only 5% gas production to the Fruitland formation. Both zones do not produce any liquids.

TEST RESULTS

	GAS (Mcf/d)	DATE
PICTURED CLIFFS	317 *	4-21-84
FRUITLAND	slight blow (too small to measure)	5-19-84

* Note: Fracture treatment fluids were still being produced at the time this zone was tested.

LEA 2
Sec 30E, T31N, R12W

RE: Rule 303C, Para. 2, Requirement (j)

Certified letters of intent to commingle this well were sent to the attached list of offset operators, including the Bureau of Land Management. Sample copies of the letter and waiver are included.

Consolidated Oil & Gas, Inc.
List of Offset Operators

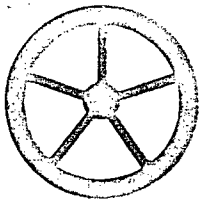
LEA 2

Amoco Production Company
501 Airport Dr
Farmington, New Mexico 87401

El Paso Natural Gas Company
P. O. Box 990
Farmington, New Mexico 87499

Union Texas Petroleum Company
P. O. Box 1290
Farmington, New Mexico 87499

Bureau of Land Management
Caller Service 4104
Farmington, New Mexico 87499



Consolidated Oil & Gas, Inc.

P. O. BOX 2038

FARMINGTON, NEW MEXICO 87499

(505) 632-8056

November 12, 1984

Amoco Production Company
Attn: Mr. Buddy Shaw
501 Airport Dr
Farmington, New Mexico 87401

Re: Waiver for Administrative Approval of Downhole Commingling
for Consolidated Oil & Gas, Inc. Lea 2, Aztec Pictured Cliffs
ext. & Wildcat Fruitland Dual, 1850' FNL & 790' FWL, Sec 30E,
T31N, R12W, San Juan Co., New Mexico

Dear Mr. Shaw,

Consolidated Oil & Gas, Inc. has submitted an application
to the New Mexico Oil Conservation Division, as outlined in NMOCDD
Rule 303C, to apply for approval to administratively commingle
the Pictured Cliffs and Fruitland zones in the subject well. We
are notifying your office of our intent, and would like you to
sign and return each copy of the Waiver of Objection in the self
addressed envelopes.

Please mail the waivers to Frank Chavez, New Mexico Oil
Conservation Division, 1000 Rio Brazos Rd., Aztec, New Mexico
87410 and Dale Richardson, Consolidated Oil & Gas, Inc., P. O.
Box 2038, Farmington, New Mexico 87499.

If you have any questions concerning this request please
contact Wayne Converse at 632-8056.

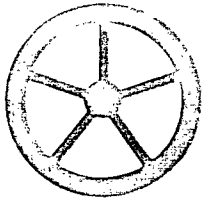
Yours very truly,

Dale Richardson
Production & Drilling Superintendent

DER:WLC:wc

Enclosures

cc: N. M. Oil Conservation Division, Santa Fe
N. M. Oil Conservation Division, Aztec



Consolidated Oil & Gas, Inc.

P. O. BOX 2038
FARMINGTON, NEW MEXICO 87499
(505) 632-8056

November 12, 1984

El Paso Natural Gas Company
Attn: Mr. Don Walker
P. O. Box 990
Farmington, New Mexico 87499

Re: Waiver for Administrative Approval of Downhole Commingling
for Consolidated Oil & Gas, Inc. Lea 2, Aztec Pictured Cliffs
ext. & Wildcat Fruitland Dual, 1850' FNL & 790' FWL, Sec 30E,
T31N, R10W, San Juan Co., New Mexico

Dear Mr. Walker,

Consolidated Oil & Gas, Inc. has submitted an application
to the New Mexico Oil Conservation Division, as outlined in NMOCOD
Rule 303C, to apply for approval to administratively commingle
the Pictured Cliffs and Fruitland zones in the subject well. We
are notifying your office of our intent, and would like you to
sign and return each copy of the Waiver of Objection in the self
addressed envelopes.

Please mail the waivers to Frank Chavez, New Mexico Oil
Conservation Division, 1000 Rio Brazos Rd., Aztec, New Mexico
87410 and Dale Richardson, Consolidated Oil & Gas, Inc., P. O.
Box 2038, Farmington, New Mexico 87499.

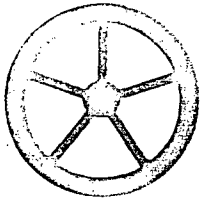
If you have any questions concerning this request please
contact Wayne Converse at 632-8056.

Yours very truly,

Dale Richardson
Production & Drilling Superintendent

DER:WLC:wc
Enclosures

cc: N. M. Oil Conservation Division, Santa Fe
N. M. Oil Conservation Division, Aztec



Consolidated Oil & Gas, Inc.

P. O. BOX 2038
FARMINGTON, NEW MEXICO 87499
(505) 632-8056

November 12, 1984

Union Texas Petroleum Company
Attn: Mr. Rudy Motto
P. O. Box 1290
Farmington, New Mexico 87499

Re: Waiver for Administrative Approval of Downhole Commingling
for Consolidated Oil & Gas, Inc. Lea 2, Aztec Pictured Cliffs
ext. & Wildcat Fruitland Dual, 1850' FNL & 790' FWL, Sec 30E,
T31N, R12W, San Juan Co., New Mexico

Dear Mr. Motto,

Consolidated Oil & Gas, Inc. has submitted an application
to the New Mexico Oil Conservation Division, as outlined in NMOCDD
Rule 303C, to apply for approval to administratively commingle
the Pictured Cliffs and Fruitland zones in the subject well. We
are notifying your office of our intent, and would like you to
sign and return each copy of the Waiver of Objection in the self
addressed envelopes.

Please mail the waivers to Frank Chavez, New Mexico Oil
Conservation Division, 1000 Rio Brazos Rd., Aztec, New Mexico
87410 and Dale Richardson, Consolidated Oil & Gas, Inc., P. O.
Box 2038, Farmington, New Mexico 87499.

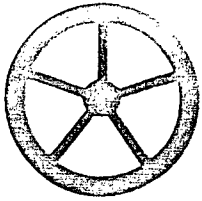
If you have any questions concerning this request please
contact Wayne Converse at 632-8056.

Yours very truly,

Dale Richardson
Production & Drilling Superintendent

DER:WLC:wc
Enclosures

cc: N. M. Oil Conservation Division, Santa Fe
N. M. Oil Conservation Division, Aztec



Consolidated Oil & Gas, Inc.

P. O. BOX 2038
FARMINGTON, NEW MEXICO 87499
(505) 632-8056

November 12, 1984

Bureau of Land Management
Attn: Area Manager
Caller Service 4104
Farmington, New Mexico 87499

Re: Waiver for Administrative Approval of Downhole Commingling
for Consolidated Oil & Gas, Inc. Lea 2, Aztec Pictured Cliffs
ext. & Wildcat Fruitland Dual, 1850' FNL & 790' FWL, Sec 30E,
T31N, R12W, San Juan Co., New Mexico

Gentlemen,

Consolidated Oil & Gas, Inc. has submitted an application to the New Mexico Oil Conservation Division, as outlined in NMOCDD Rule 303C, to apply for approval to administratively commingle the Pictured Cliffs and Fruitland zones in the subject well. We are notifying your office of our intent, and would like you to sign and return each copy of the Waiver of Objection in the self addressed envelopes.

Please mail the waivers to Frank Chavez, New Mexico Oil Conservation Division, 1000 Rio Brazos Rd., Aztec, New Mexico 87410 and Dale Richardson, Consolidated Oil & Gas, Inc., P. O. Box 2038, Farmington, New Mexico 87499.

If you have any questions concerning this request please contact Wayne Converse at 632-8056.

Yours very truly,

Dale Richardson
Production & Drilling Superintendent

DER:WLC:wc
Enclosures

cc: N. M. Oil Conservation Division, Santa Fe
N. M. Oil Conservation Division, Aztec

WAIVER OF OBJECTION AND
CONSENT TO COMMINGLE THE
DUAL COMPLETION

FOR CONSOLIDATED OIL & GAS, INC.

THE UNDERSIGNED, as an offset operator/lease holder of a lease

offsetting LEA 2, PC/FRT Dual
 1850' FNL & 790' FWL
 Sec 30E, T31N, R12W
 San Juan Co., New Mexico

Does hereby acknowledge receipt of the letter requesting approval
of commingling of the above captioned well.

The undersigned hereby waives any objection to this application
and voluntarily consents to the commingling of the above captioned
well.

SIGNED: _____
NAME: _____
TITLE: _____
FIRM: _____
DATE: _____

Please find enclosed self addressed envelopes. Mail one copy to
Frank Chavez, New Mexico Oil Conservation Division, 1000 Rio Brazos
Rd., Aztec, New Mexico 87410 and Dale Richardson, Consolidated Oil
& Gas, Inc., P. O. Box 2038, Farmington, New Mexico 87499



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE Nov. 20, 1984

RE: Proposed MC _____
Proposed DHC dx _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated Nov. 14, 1984
for the Consolidated Oil & Gas Corp. Lease #2 E-30-31N-12W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

[Signature]

